

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: 2E26 in ham gear
Message-ID: <F7T02511.F7T02521@mail.admin.wisc.edu>

to: boatanchors@theporch.com

Re. the 2E26 in the Kinght Kit TR-106 and TR-108:

Yeah, the tube was quite well behaved in both of those rigs. The main reason was that the PA in both was a FREQUENCY MULTIPLIER stage; with the grid and plate operating at different frequencies, it's pretty hard to make the PA oscillate :-)

Re. 2E26 and 6146 interchangeability:

I've gotten away with using 2E26 finals in a Knight Kit T-150, when the old 6146 PAs had so many hours on 'em that there was almost no emission left, and I couldn't get hold of more 6146s. Naturally, the plate current had to be throttled back some to keep things from getting TOO red :-)

Re. the Johnson "Navigator":

It was designed for a 6146; somebody thought it was a 2E26 rig. I had a Navigator once, and I've been kicking myself in the butt ever since I got rid of it! I suppose EVERYBODY'S had a rig like that.

73's,

Tom, K9TA

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: Thomas Bryan <tbryan@mailstorm.dot.gov>
Subject: 651S1s are sold
Message-ID: <199507290135.AA18427@mailstorm.dot.gov>

Hello All,

All of the Collins 651S1 receivers are sold.

Thanks to all.

Tom Bryan
tbryan@mailstorm.dot.gov

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995

From: "Greg Parsons A.K.A. Rat" <gparsons@lunatix.lex.ky.us>
Subject: Re: AM on 2 meters
Message-ID: <9507281829.aa15792@lunatix.lunatix.lex.ky.us>

>
> Dear BA's,
>
> The post from Mikhael Brown about operating AM on 2 meters in SF, raises an
> overall question. Does anyone still operate AM on 2 meters? If so, are there
> any gentlemen's frequencies?
>
> Regards,
> -----
> Jerry Proc, VE3FAB
> Radio Restoration Volunteer
> HMCS Haida
> E-mail: jproc@worldlinx.com
> Toronto, Ontario
> -----
>
>

There are not too many left on 2m AM, I check 144.350 at least once a day,
is there any other known frequencies?

Greg
KE4000
--

On a clear night when the wind is from the west, you can smell America
burning brite upon the night.
DoD #0862 Rat NRA Life Member Home Brewer from Hell(tm)

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: JosephWP@aol.com
Subject: Re: AM on 2 meters
Message-ID: <950729001705_43247030@aol.com>

Most 2 meter AM of which I am aware is on 144.4 Mc.

73

Joseph Pinner
KC5IJD
josephwp@aol.com

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: jproc@worldlinx.com

Subject: Re: AN/URR504 Receiver
Message-ID: <Chameleon.4.01.2.950728223016.jproc@jproc>

>
>Could I get a Doctorate in Boatanchors? :-)

Steve,

Yes you can - but you would have to be the founder of BA University and be its first dean. I guess the first level degree for graduates would be BA of BA.:-)

Regards,

Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida Toronto, Ontario

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: Jack Taylor <n7oo@hereford.ampr.org>
Subject: Re: ASCII or simple Schematics Software Needed
Message-ID: <199507282150.QAA03398@uro.theporch.com>

At 01:25 PM 7/28/95 -0500, rdkeys@unity.ncsu.edu wrote:

>Whilst on the subject of simple transmitters for Boatanchorite playing,
>I was wondering if there was any sort of general thoughts about any
>kind of software that would render a low-resolution schematic that
>could be ascii emailed (like on the list) so that full project howto's
>including schematics could be done. I know Jeff Herman has rendered
>some into ascii, but I think he did them by hand the hard way.
>
<snip>

Seems to me there was something on this in QST 2-5 years ago. Some sort of easy to apply schematic system. But for the life of me, I can't recall the details.

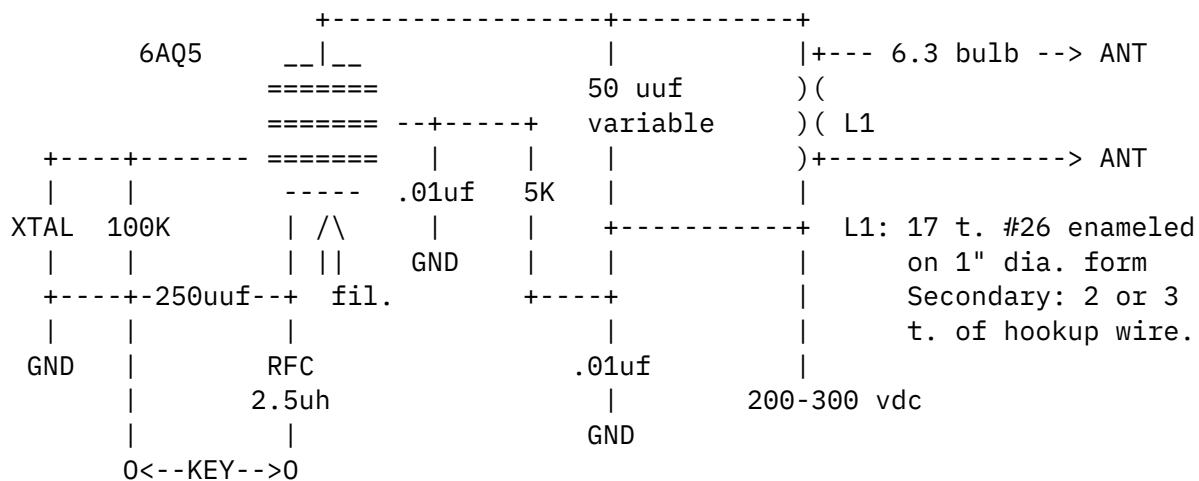
73 de Jack

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
 From: "Tony Stalls (K4KY0)" <j38@clark.net>
 Subject: RE: ASCII or simple Schematics Software Needed
 Message-ID: <Pine.SOL.3.91.950728195344.19043C-100000@clark.net>

On Fri, 28 Jul 1995 jproc@worldlinux.com wrote:

> Bob,
 >
 > I glad to see that your initiative to produce on-line technical material has
 > not faded away. The biggest problem that you have to overcome is this
 > 'technological tower of Babel' consisting of umpteen different operating
 > systems, applications, CPU platforms, printer types etc..etc.. I'm still
 > having trouble copying E-mail to a Wordperfect file without having to spend a
 > lot of time removing hard returns, soft returns, fooling around with margins,
 > fonts etc. in order to be able to produce a custom document for myself. Your
 > other major enemy is the 'staircase' of computer expertise among the BA
 > members. I suppose that we have everyone from novices to wizards aboard.

I'm still bugged by the mailers that don't use 80 col. lines that run off
 my screen, but that aside, here's my attempt to do a keyboard version of
 the "Sandwich Box Transmitter" from the March 1956 Popular Electronics:



Now... Could anybody build it from this?

73/ZUT DE K4KY0/Tony

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995

From: durham@w2xo.pgh.pa.us (James C. Durham)
Subject: Re: ASCII or simple Schematics Software Needed
Message-ID: <199507291351.JAA05752@w2xo.pgh.pa.us>

>From boatanchors@theporch.com Fri Jul 28 22:39:00 1995

Jack Taylor <n7oo@hereford.ampr.org> wrote:

>At 01:25 PM 7/28/95 -0500, rdkeys@unity.ncsu.edu wrote:
>>Whilst on the subject of simple transmitters for Boatanchorite playing,
>>I was wondering if there was any sort of general thoughts about any
>>kind of software that would render a low-resolution schematic that
>>could be ascii emailed (like on the list) so that full project howto's
>>including schematics could be done. I know Jeff Herman has rendered
>>some into ascii, but I think he did them by hand the hard way.
>>
> <snip>

>Seems to me there was something on this in QST 2-5 years ago. Some sort of
>easy to apply schematic system. But for the life of me, I can't recall the
>details.

Speaking not as any kind of expert, but just from observation,
I would suggest that the right way to do this might be postscript
notation. There is a free version available from the Free Software Foundation
called "ghostscript". I believe there are also cad programs available
that can output in postscript format. I believe it represents all
information in printable ascii. The only restriction on the
free software foundation stuff is that you don't use it commercially.
This software is usually found on the 'net under "gnu". The "home base"
is at mit.edu. There's stuff on oak.oakland.edu and wuarchive.wustl.edu
also.

Maybe someone on the group has some experience with postscript and
can comment on this.

73
Jim, W2XO

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: wier@bobcat.etsu.edu (Bob Wier)
Subject: Re: ASCII or simple Schematics Software Needed
Message-ID: <199507291556.AA01233@ns-1.csn.net>

For whatever it's worth -

On the Photo-3d list hosted here, we've been hashing this issue around for about a year - trying to find software which has as much cross-platform capability while having sufficient capacity for the images required. In the case of Photo-3d, even the FAQ is image based, due to the requirement for drawings and geometry descriptions which otherwise would be extremely difficult to get across without pictures.

Postscript is the strong favorite, but of course not everyone has a PS printer. What we've generally settled on (for the moment) is to have one version of a given document in GIF format, while another version in PDF format (that's Adobe Acrobat).

There are several nice things about PDF. There are free viewers available for several machines. It can handle postscript input, and can print documents on non - postscript printers (for example, I was able to print the Photo-3d faq on a HP LJ III without a postscript cart). The FAQ is approximately 30 pages long (with drawings/pictures).

The drawbacks are that it is something of a memory hog - in some cases a document has to be printed in sections. The other problem is that although the viewers are free, ACRBAT to generate the PDF files is fairly pricey.

There is one member of photo-3d list who has the ACRBAT generating system, so he has been doing the conversions for the rest of the group (from whatever format was used originally) and then passes along the files to me to stick into the ftp area.

If you'd like to try out the Acrobat Reader, you can download that from <http://www.adobe.com> (I think it's also <http://ftp.adobe.com> but it's been awhile since I accessed it that way).

Our .pdf faq file is on bobcat.etsu.edu - login as anonymous with your e-mail address as password. Go to directory

pub/photo/photo-3d/info

and get the following file - transfer it in BINARY format...

```
-rwxr--r--  1 wier      system    164029 Jul 13 06:05 3dfaq.pdf
```

Again, FWIW

73 de WB5KXH

===== Round Up the Usual Disclaimers! =====
Bob Wier, keeper of the Photo-3D, Icom radio (WB5KXH),
Overland Trails, and Motorola HC11 mailing lists
wier@bobcat.etsu.edu

currently in Ouray, Co at 8,000 ft. elevation
(this is a *high level* system :-)

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: Filip M Gieszczykiewicz <filip@smi.med.pitt.edu>
Subject: ASCII or simple Schematics Software Needed (fwd)
Message-ID: <9507290132.AA15438@alpha.smi.med.pitt.edu>

You (rdkeys@unity.ncsu.edu) wrote:

> Date: Fri, 28 Jul 1995 13:29:05 -0500 (CDT)
> From: rdkeys@unity.ncsu.edu
> Subject: ASCII or simple Schematics Software Needed
>
> Whilst on the subject of simple transmitters for Boatanchorite playing,
> I was wondering if there was any sort of general thoughts about any
> kind of software that would render a low-resolution schematic that
> could be ascii emailed (like on the list) so that full project howto's
> including schematics could be done. I know Jeff Herman has rendered
> some into ascii, but I think he did them by hand the hard way.
[zap]

Greetings. We've just been through that flame war (not that THIS is
what this is here) on sci.electronics and the result is a few
bruised egos and the chaos we had before ;-)

Everyone can put in a claim for THEIR favorite package BUT:

> The thing must be a freebie so everyone can use it with no strings.

AND, it must come in source form so those who don't have a
particular machine can port it. Toss out the CAD packages
out there.... Also, there really aren't any GOOD free packages
out there to begin with so your pickings will be small.

Go for ASCII. Sure, many will complain BUT we ALL have it. Yes,
the drawings get huge (no need to cram in everything on one
page - common mistake - so you can have one tube/part per 25 line
page) BUT you can always compress and even if you have to post
2 versions of the compressed file (ZIP and GZIP - or so), you STILL

win.

If you have a WWW browser, have a look at my ASCII schematics pages (on review) at URL:

<http://alpha.med.pitt.edu:9000/SCHEM>

(4 categories: PC, IR, Telephone, and 'assorted')

It's been popular with the electronics crowd - 10MB served in last 24 hours... which is a lot considering average file size is 45KB ;-)

That's IMHO, by the way. Feel free to have a run at it ;-)

Take care.

P.S. Yes, the e-mail->WWW interface is down... and will stay that way. Sigh. I'm working on a personal server for my pages...

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: don merz <71333.144@compuserve.com>
Subject: Ban the Beep
Message-ID: <950729125212_71333.144_DHQ37-7@CompuServe.COM>

Folks, please don't use the CTRL-G thing to make messages beep. Many of us read this stuff at work and that's pretty distracting for nearby coworkers. Thanks.

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: "Tony Stalls (K4KY0)" <j38@clark.net>
Subject: Re: Ban the Beep
Message-ID: <Pine.SOL.3.91.950729101320.27890A-100000@clark.net>

On Sat, 29 Jul 1995, don merz wrote:

> Folks, please don't use the CTRL-G thing to make messages beep. Many of
> us read this stuff at work and that's pretty distracting for nearby
> coworkers. Thanks.

You say that CTRL-G makes it beep? I never knew that. Hmmm... ;-)

That's like the news media saying, "The building was blown up by mixing X% diesel fuel with ammonium nitrate fertilizer and initiated with a

ramatazz device, made from frammises and whatzits obtainable at any hardware store.

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: "Colin Schmutter" <Colin.Schmutter>
Subject: Re: Ban the Beep
Message-ID: <199507291827.LAA01525@mozart.bcit.bc.ca>

> > Date: Sat, 29 Jul 1995 07:54:08 -0500 (CDT)
> > Reply-to: 71333.144@compuserve.com
> > From: don merz <71333.144@compuserve.com>
> > To: Multiple recipients of list <boatanchors@theporch.com>
> > Subject: Ban the Beep

> Folks, please don't use the CTRL-G thing to make messages beep. Many of
> us read this stuff at work and that's pretty distracting for nearby
> coworkers. Thanks.

>

I am the person who posted the ad that beeps.

It was not my intention to do that. I am not sure why the CTRL-G's got inserted into the ad I posted.

I am using the Pegasus Mail reader version 2.00 and used the attach option to insert a previously edited note into the mail queue.

Somehow the CTRL-G's got thrown in.

I am sorry about this. It was an accident.

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: Steve Ellington <n41q@iglou.com>
Subject: Re: Ban the Beep
Message-ID: <Pine.SOL.3.91.950729160841.10689A-1000000@iglou.iglou.com>

I liked the beep but just once is enough. Accidental beeping is instantly forgiven. It just takes time for the flames to die down! I use A version of Pine for E-mail here and I am unable to send those beeps. When I do a control G, it takes me into the help menu. Maybe there is a way to play a tune using various, hidden characters.?????

On Sat, 29 Jul 1995, Colin Schmutter wrote:

> > > Date: Sat, 29 Jul 1995 07:54:08 -0500 (CDT)
> > > Reply-to: 71333.144@compuserve.com
> > > From: don merz <71333.144@compuserve.com>
> > > To: Multiple recipients of list <boatanchors@theporch.com>
> > > Subject: Ban the Beep
>
> > Folks, please don't use the CTRL-G thing to make messages beep. Many of
> > us read this stuff at work and that's pretty distracting for nearby
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> I am the person who posted the ad that beeps.
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> into the ad I posted.
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> I am using the Pegasus Mail reader version 2.00 and used the attach option to
> insert a previously edited note into the mail queue.
>
> Somehow the CTRL-G's got thrown in.
>
> I am sorry about this. It was an accident.
>
>
>

Steve
n4lq@iglou.com

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: wier@bobcat.etsu.edu (Bob Wier)
Subject: Re: Ban the Beep
Message-ID: <199507292158.AA12480@ns-1.csn.net>

|I liked the beep but just once is enough. Accidental beeping is instantly
|forgiven. It just takes time for the flames to die down! I use A version
|of Pine for E-mail here and I am unable to send those beeps. When I do a
|control G, it takes me into the help menu. Maybe there is a way to play a
|tune using various, hidden characters.?????
|

Only in the sense of single beeps (kind of like CW "dots" without the
"dashes" :-)

I'd say *most* of the mail readers I've dealt with either filter out bells or allow you to configure to hear them or not. Being a control character, it'll get munged in a lot of cases by the net before arriving at a particular destination, anyway. On this end - I got no bells - just a series of "unprintable character" boxes...

73 de WB5KXh

==== Round Up the Usual Disclaimers! =====
Bob Wier, keeper of the Photo-3D, Icom radio (WB5KXH),
Overland Trails, and Motorola HC11 mailing lists
wier@bobcat.etsu.edu

currently in Ouray, Co at 8,000 ft. elevation
(this is a *high level* system :-)

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: BC-610 Filter Choke INFO NEEDED
Message-ID: <Pine.SUN.3.91.950728221924.490A-100000@coyote.rain.org>

On 28 July, you said:

>marked: RCA 900934-502 CRV 30788

Okay, that "CRV-30788" is a designation under the old Navy Type Number system (documented in several files in the BA Archives). My files show the following:

Reactor, tapped. Impedance at 30V, 60 cycles and 0.170 amp DC is 3770 ohms. At 30V, 60 cycles and zero DC shall not exceed 4200 ohms. 3150 turns 0.0142 enameled wire tapped at 3081 turns. 106 ohms DC resistance total. Radio from start to finish/tap to finish is 45.6/1. Used in Navy receivers RBB, RBB-1, RBC, RBC-1. Nomenclature assigned 1 December 1941.

Interesting that the BC-610 should use the same choke as the RBB/RBC series receivers! Hope this helps.

73.....Ray, W6RIC <rmote@rain.org> (805) 985-6048

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: Bendix RA-1
Message-ID: <Pine.SUN.3.91.950728213618.22596B-100000@coyote.rain.org>

If you're in need of a manual for the RA-1 series, Fair Radio has the book on the RA-1B, I, and J units. It was just the ticket for my "B" and Fred Raper's "J". Locating the connectors was far more difficult than finding a manual, but that was finally solved as well. They're nifty-looking receivers, with the twin "turrets" for the bandswitch and main tuning knobs, both of which could be operated from a remote using splined cables. (That's why the bandswitch lacks the normal detents.) Now, all I need is to wait until after 1 October (my retirement from Civil Service) and I should have time to get this jewel back on the air!

73.....Ray, W6RIC <rmote@rain.org> (805) 985-6048

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: Re: CB recycling
Message-ID: <m0sbz3h-0010eIC@spider.lloyd.com>

A

>

>On Thu, 27 Jul 1995, Jeffrey Herman wrote:

>

>> >>I recently picked up a ``Swan'' Siltronix CB vfo that had a magnificent
>> >>5/25:1 dual reduction drive on it.

>>

>> > Didn't know Swan made CB VFO's. Thought those things were illegal on
>> > Childrens Band!

>>

Illegal or not, there is a CB shop near me that has two of the little Siltronix Model 90 thingys for sale.

The better looking one of the two actually looks pretty good, but the owner of the shop doesn't know if it works. He offered to let me bring it home and try it out, if I was interested in it, though.

I really don't have an interest in either of these VFOs, but I'm mentioning them if anyone on BA does. The good looking one has a \$50 price tag on it, FWIW. If you or someone you love wants a genuine CB VFO, I'll be glad to do

the leg work of getting it, and packing and shipping it for my costs. Or if you prefer, you can call the CB shop yourself and deal direct with the owner.

I have no interest one way or another in the shop or the VFO and get nothing out of helping a CB VFO go to a far better life in a ham shack other than satisfaction.

73,

Jim - km6nk

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: fgilmore@woodtech.com
Subject: Re: Demise of Morse
Message-ID: <199507291424.AA24736@relay.interserv.com>

Just saw the posting that MARS is phasing out CW and almost fell out of my chair.

I feel extremely saddened to see that turn of the screw. I had the distinction of being the youngest Army MARS member in the 50's in Region Five, maybe in the country...I don't know for sure. Anyhow I was an NCS on 3289 kc at 14. We handled a pretty large volume of traffic considering we weren't involved in any confrontations anywhere.

One night I was tired and it wasn't until I was through with roll call that I happened to notice I was keying the Viking 122 VFO with the transmitter plate turned off!!!! State Director was in St. Louis and I was in Springfield. He said he noticed my signal much weaker than normal but considered it band condx. But he also had some choice remarks for when I did kick the plate switch on and rattled his earphones a good one.

Later transferred to Navy MARS, then finally Air Force MARS. Like many it was the 'goodies' that Air Force MARS was doling out that drew me. In the six years in Army MARS all I ever got was an electricians knife....and cut the end of my finger off with it trimming coax. But a fine group of fellows with more 'bonding' than in the other groups.

I never throw anything away and somewhere buried in one of my storage buildings are logs from those days. Now I can look forward to another "wasn't it great" evening remembering the good CW ops on there. Navy MARS had some good ones too but Air Force was RTTY/SSB all the way. But that's another story.

73,

Frank

K0JPJ ex-W5PVX ...--
ex-AA0JPJ, AFA0JPJ, N0NDS, et al.....

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: David Barts <davidb@scn.org>
Subject: Re: Demise of Morse
Message-ID: <Pine.SUN.3.91.950729113026.23124A-1000000@scn>

An interesting story! The Electrical Engineering building at the University of Washington still has the remains of an old Morse code telegraph system used by EE profs. for communicating with each other.

David W. Barts (davidb@scn.org)
REAL radios glow in the dark.

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: "Colin Schmutter" <Colin.Schmutter>
Subject: Drake R-4A for sale
Message-ID: <199507282223.PAA29662@mozart.bcit.bc.ca>

?

----- Enclosure number 1 -----

For sale,

Drake R-4A receiver

Excellent condition with manual \$185 US plus shipping.

Reply to cschmutter@bcit.bc.ca if interested.

Colin

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: Steve Ellington <n41q@iglou.com>
Subject: Re: Drake R-4A for sale
Message-ID: <Pine.SOL.3.91.950728234221.23816B-1000000@iglou.iglou.com>

When I read this mail my pc beeps. Is this some kind of new singing E-mail? Or is it just me?

On Fri, 28 Jul 1995, Colin Schmutter wrote:

```
> ?  
>  
> ----- Enclosure number 1 -----  
> For sale,  
>  
> Drake R-4A receiver  
>  
> Excellent condition with manual $185 US plus shipping.  
>  
> Reply to cschmutter@bcit.bc.ca if interested.  
>  
> Colin  
>  
>
```

Steve
n4lq@iglou.com

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: Jeffrey Herman <jeffrey@math.hawaii.edu>
Subject: Re: Drake R-4A for sale
Message-ID: <Pine.SUN.3.91.950728234019.12199B-100000@kahuna>

On Fri, 28 Jul 1995, Steve Ellington wrote:
> When I read this mail my pc beeps. Is this some kind of new singing
> E-mail? Or is it just me?

I feel like I'm giving away a national security secret in telling you
folks this, but <control G> will make the recipient's terminal beep.

While in the vi editor for this piece of email I see the seller,
Colin Schmutter, put in 16 (control G)'s in the first line of
his ad; they'll only appear while in edit.

```
> On Fri, 28 Jul 1995, Colin Schmutter wrote:  
> > ?  
> > ----- Enclosure number 1 -----  
> > For sale,  
> > Drake R-4A receiver
```

Jeff NH6IL

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: "Colin Schmutter" <Colin.Schmutter>
Subject: Drake T-4XC, R-4C for sale
Message-ID: <199507282252.PAA29870@mozart.bcit.bc.ca>

!

----- Enclosure number 1 -----
For Sale,

T-4XC, R-4C, AC4/MS4, Drake microphone, manuals.

\$475 US plus shipping.

If interested reply to cschmutter@bcit.bc.ca

Colin

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: "Colin Schmutter" <Colin.Schmutter>
Subject: Drake TR-4C for sale
Message-ID: <199507282149.0AA29361@mozart.bcit.bc.ca>

----- Enclosure number 1 -----
For sale,

Drake TR-4C, AC4/MS4, Drake microphone.

Excellent condition.

\$295 US plus shipping.

Reply to cschmutter@bcit.bc.ca if interested.

Colin

VE7CQH

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: Bill VanAlstyne <bill@cruz.com>
Subject: First rigs [was: Favorite tube? --- 6146]
Message-ID: <199507290533.AA18438@cruz.com>

At 10:04 AM 7/28/95 -0500, Tony Stalls (K4KY0) wrote:
>On Fri, 28 Jul 1995 rdkeys@unity.ncsu.edu wrote:

>
>> 1. Oscillator --- 6146 running 195 volts on the plate and 105 volts
>> on the screen from a pair of VR tubes in a string off the plate
>> supply. It will work fine as a xtal oscillator or an eco on
>> 80 meters doubled to 40 in the plate, and pi-net coupled to the
>> final stage.

[snip..]

Speaking of using these tubes as oscillators...

My very first rig was a 2E26 crystal oscillator into a pi-net. It ran about 25 watts plate input on 80 and 40 meters, with the pi-net inductors made out of magnet wire wound on toilet paper tubes and slathered over with the ubiquitous Duco cement. When I wanted to change bands, I would unsolder one coil and solder the other one in, change the crystal (I had one for each band), and dip-&-load her up -- that is, once I got a real plate milliammeter for the rig! Before that, I would tune up for maximum brightness in a little 6V lamp I had coupled by induction to the random-wire feeder. :) Having a real meter made me feel like I finally had a real piece of gear.

When I discovered that a 6146 had the same pinouts, I begged a slightly-flat one off of a rich-kid ham I knew, jacked it in there, boosted the plate supply up to what I figured was about 650 VDC or so, cranked up the screen a little (I didn't have a VOM), and it just kept oscillating! It was a beautiful sight to see that plate meter hitting up to 100 mA, I can tell you! Cathode-keyed the little bugger, too, as I recall. With a setup like that, you learn real quick which terminal on your hand key goes to the arm, and which one goes to the hot contact! (Hey, I was 14.) Those two crystals held up to the challenge, and I got out a little better -- at least I fancied I did. :) I retired that rig when I finally got my Knight T-50 back from the guy I had lent it to a couple years prior, before I had gotten my ticket... And *that* was one of those classic 6AG7-807-pi-net transmitters. A beautiful design.

I'd give a lot to have that old one-tube homebrew rig back again, though, just to be able to see it again and remember. But I think I just trashed it when I moved up to a "real" rig. Ah, the callow folly of youth...

Anybody else actually use a one-tube xmtr running 65 watts?

Bill VanAlstyne
N6FN
bill@cruz.com

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: HAMRLUND@aol.com
Subject: fs/trade: 833a pulls
Message-ID: <950729132900_43467008@aol.com>

I have 6 833a tubes. these are pulls from am broadcast station's kw transmitter.
these were pulled as part of the usual maintenance., i.e. after x hours pull and replace.
no there probably not full out put, but again, they were only run at 1/3 capacity.
xmter ran two as modulators and two as finals.

sell/trade as one lot. (trade: Hammarlund ?)

Robert Fowle
1215 Winifred
jackson, mich. 49202-1946

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: JimN00CT@aol.com
Subject: FS: SSB Generator/R390-A
Message-ID: <950729060902_43340195@aol.com>

I have a CV 157/URR SSB generator for the R390/R390-A radios for sale. Has had meters and all tubes (gently) pulled, and is good cosmetically. Is usual Navy Gray. Manufactured by Transcom Industries.

U ship. Please make offer.

73, Jim N00CT

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: HAMRLUND@aol.com
Subject: FS: Various manuals, original unless noted
Message-ID: <950729124536_125744180@aol.com>

Hallicrafters: all prices include shipping

sp-44	copy	\$11.00	
wr-600g		\$ 8.00	
wr-600w		\$ 8.00	
ha-3		\$ 6.00	
ha-3a		\$6.00	
ha-4		\$10.00	
ha-11		\$ 6.00	
ha-12		\$10.00	
ha-12a		\$10.00	
ha-13		\$10.00	
ha-26		\$10.00	
ht-40mk1		\$13.00	
ht-40kmk1		\$13.00	
ht-41		\$13.00	
s-29		13.00	
s-39		13.00	
s-40		13.00	sale pending
s-58		4.00	
s-119k		13.00	
s-200		13.00	
sx-140k		13.00	
sr-400		20.00	
crx-2		10.00	
crx-2a		10.00	
crx-4		10.00	
crx-5		10.00	
crx-105		10.00	
cb-12		8.00	
hdw-1		6.00	
hdw-2		6.00	
hmw-1		6.00	
ps-20		6.00	
END Hallicrafters:			
ameco r5a		13.00	
b&w 400		10.00	
dentron mt3000a		10.00	
drake r-4c	copy	9.00	
drake t-4xc	copy	9.00	
efj matchbox275w	copy	10.00	
efj vik.chalgr.	copy	10.00	
eldico gdo		11.00	
eldico tvh		8.00	
gonset comm. 2		13.00	
gonset g-63		13.00	
gonset g-151a		13.00	
gonset gts100/101		10.00	
harveywells z-match		13.00	
harveywells (aircraft)	atr-3-6/atr-3-12/aps-1-6/aps-1-12	13.00	

multi-elmac	pmr-7	13.00	
p&h	6-150	11.00	
p&h	2-150	11.00	
rme	vhf-152	8.00	
rme	vhf-2-11	8.00	
rme	hf-10-20	11.00	
rme	db-22a	11.00	
swan	250	13.00	
swan	270	13.00	
swan	500	18.00	
spokane radio	type spf model af	13.00	
wrl	um-1	13.00	
wrl	sm-90	13.00	
globe	vox-10	13.00	
globe	sm-90	13.00	
globe king	500a copy	13.00	
eico	730 modulator copy	13.00	
knight kit	x-10 xtal-cal. 83 y 256	7.00	
	p-2	6.00	
	kg-620	6.00	
	kg-60	6.00	
hickock	195b	13.00	
	665	13.00	
b&k	283	10.00	
	177	10.00	
	465	10.00	
	700	10.00	have 2
	160	10.00	
	176	10.00	
	500 tube chart	8.00	
	650 old copy	6.00	
dumont	5890 b	12.00	
	5890 c	12.00	
	t-301-rt/t-301-rta	10.00	
	t-101-rt	10.00	
	mca-366-a	12.00	
	5819-a	12.00	
	t-403-rt	10.00	
	m-430-rtn	10.00	
	t-301rt & t-403rtn	11.00	
	401- r copy	9.00	
	304- a copy	9.00	
International	crystal fm-2400-c	10.00	
mercury	1100ck & tube book	12.00	
sprague	kt-1	9.00	
jackson	cro-2	13.00	
morrow	3-br	11.00	
precise	630	10.00	

635 10.00 have 2
precision 85 10.00
120 10.00
rca wr-49a 11.00
wv-77a (no cover) 8.00
seco 107c 6.00
sencore transi-master 6.00
speco as100d 6.00
lm-7 9.00
tm-11-666 9.00
mn-5 9.00
scs-17 6.00
cmx-50128a 9.00
tm-11-2241 9.00
crr-74028 9.00
tm-11-300L 9.00
bc-603 schematic only 3.00

that's it for now. have many more.
if you see something here e-mail me, first come first served.

robert fowle
1215 winifred
jackson, mich. 49202-1946

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: "Tony Stalls (K4KY0)" <j38@clark.net>
Subject: GRC-9 Want List
Message-ID: <Pine.SOL.3.91.950729014036.9890B-1000000@clark.net>

Here are two items I need/want for my GRC-9:

PP-327 AC power supply
LS-7 250 ohm speaker

Anybody?

73,
Tony
K4KY0

ZUT!

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: jmartin@hrlban1.aircrew.asu.edu

Subject: Homebrews using TV tubes
Message-ID: <SA39+IhJ4ka@hrlban1.alhra.af.mil>

Another thought...

Design the rig so it works either as a transmitter or receiver, and the same (carefully) selected tubes work both functions. I think the \$10 maximum budget is a good idea... it would keep it fun. Discarded PVC pipe coil forms, wire salvaged from old CRT deflection yokes, and homebrew 'book' capacitors made from wood and tinfoil (a la 1920s Crosleys) anyone?

73, John Martin

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: fgilmore@woodtech.com
Subject: Re: Howard 450 A
Message-ID: <199507291747.AA27170@relay.interserv.com>

In reference to the Howard 460.....

I took one in trade on a new SX-115 way back in '63 and brought it home for about a year. It was a magnificent receiver....very unusual performance for it's era. It was in need of alignment which goes down in my history as one of the more difficult to perform. It seemed everything interacted with everything else. But once it was done it ran circles around a SX-28 and a HRO-5AT1 sitting on the same desk. The one other receiver of roughly the same high dollar / vintage that out-performed it was the Pierce-Simpson KP-81...think it was the 81....they only made a very few and I was fortunate enough to run into a mint one at a hamfest in that same time frame. I regret deeply getting rid of all four of the above mentioned receivers!

The Howard 450A and there was a B that followed, was a decent receiver although a SX-25 would beat it in terms of both selectivity and sensitivity on the high freqs.

Sitting here thinking about the Pierce-Simpson and I may have that number wrong, I always got it confused with the little mobile receiver they built which was also very good. In fact I replaced one with a Gonset "Gold Dust Twins" as they were affectionately known and was sorely disappointed in the Gonset's sensitivity and stability. Kick the air conditioner on and the Gonset went wild.

finally kept the transmitter and put in one of many Regency ATC-1s. Later had one in my boat and my pickup truck. Now there was a little masterpiece! But of course it was solid state so I'll be shot at sunrise. Hi!

73,

Frank
K0JPJ ex-W5PVX ...-.-

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: Robert2039@aol.com
Subject: Library's collections
Message-ID: <950729054916_43337908@aol.com>

In a message dated 95-07-27 11:27:57 EDT, you write:

>Date: Thu, 27 Jul 1995 10:18:40 -0400
>From: John Shriver <jas@shiva.com>
>To: boatanchors@theporch.com
>Subject: Re: 50 YEAR PLUS RUN OF QST - ANY IDEA OF THAT IT WOULD BE
>WORTH?????
>Message-ID: <199507271418.KAA18428@shiva-dev.shiva.com>
>
>Yes, libraries are very picky these days. Most donations go to the
>next fund-raising book sale. Shelf space is very expensive.
>
>Here in Boston, even MIT does not deign to have a QST collection. Too
>low-brow for them.
>
>However, the Boston Public Library does have a fine set of it.
>However, that's one of the best libraries in the country, so one is
>not surprised.
>
>On the other hand, MIT has just about anything the IRE, IEEE, and
>predecessory organizations ever published, back to before the turn of
>the century.
>
>MIT's collection of Radio & Television News has missing and vandalized
>issues. I've thought of buying them the issues they need to fix it
>up, but I doubt that they could afford to do the repairs to the bound
>volumes. Still, they might store them in a box on the shelf next to
>the bound volumes.
>
>It's not clear that MIT even has the time and money to even repair
>torn pages anymore. All thanks to the publicity-hungry Senators and
>Representatives in DC who think that Universities should not be
>allowed to charge any library costs as overhead on contracts!

>
The Houston Public Library has ALL the Qst's, Radiocraft, Radionews and a couple of other radio related magazines in bound form. Me? I prefer them loose like in my own collection. Thankfully all of the closed stacks material (mostly books) is on the computer system and can be looked up. Thats how I

found a 1931 theater projectionists manual, a book with a LOT of pictures of old Vitaphone era projection equipment! Of course I own that book now thanks to a library book sale that they run twice a year.

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: n5off@w5ddl.aara.org
Subject: More R-390A data wanted for list
Message-ID: <144576@w5ddl.aara.org>

Reply to: n5off@w5ddl.aara.org@usl.edu

To get a copy of the subject list, send a message to:

listproc@theporch.com

leave the subject line blank

in the body of the message type

get boatanchors r390a.users

Thanks to all who have contributed R-390A info. We have data on over 120 rigs from 16 contracts. The lowest serial number seen was 2, and the highest in a given contract was over 7000. Contributions include those from Dittmore-Freimuth and Fowler Industries contracts, as well as an EAC Industries consumer products run.

As I mentioned in earlier posts, I am compiling a survey of R-390A's owned by people who frequent the packet and Internet boards. The object of the game is to try and ascertain how many contracts were let for manufacture, and how many were made.

If you wish to participate in the census and you own one or more R-390A's, please go take a peek at it (them) and then reply to me with this information:

- 1) maker (EAC, Motorola, etc)
- 2) order number (63-PH-54 for ex) from the front tag
- 3) serial number off of the front tag
- 4) any unusual features (tags, stamps, frequency shield, etc)

The list includes an accounting of the contributors, however, the names are not matched with the rigs. If contributors have a desire to sell their rigs, I'm sure they will speak up, so you shouldn't expect any cards or letters from making a data contribution to the list.

Thanks,

de tom n5off%w5ddl.aara.org@usl.edu Internet
n5off@k5arh.la.usa packet

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: gcarter@Libris.Public.Lib.GA.US (Greg Carter)
Subject: Need Electrolytics for HT37
Message-ID: <9507291201.AA20640@Mail.Public.Lib.GA.US>

Hello!

I am in need of two electrolytics for my HT-37 transmitter and wonder if anyone out there may have any leads. I've already checked Antique Electronic Supply and Mouser.

They are: 20 MFD @ 600WVDC (Sprague 045-200568)

Any info or help will be greatly appreciated as I'm getting closer to getting this old beast back on the air!

Thanks and 73,
Greg KX4R
gcarter@mail.public.lib.ga.us

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: SP600@aol.com
Subject: Re: Need Electrolytics for HT37
Message-ID: <950729102612_125689029@aol.com>

NEWARK ELECTRONICS HAS THEM:

SPRAGUE TVA SERIES # 18F243 TVA1966 20 UF @ 600 WVDC @ 16.67

CHARLIE N9SOR

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: "Barry L. Ornitz" <ornitz@EMNGW1.emn.com>
Subject: Re: Panel corrosion
Message-ID: <Pine.ULT.3.91.950728185114.10903A-1000000@dua150.kpt.emn.com>

On Thu, 27 Jul 1995, Gary Pewitt wrote:

> J.C.Whitney catalog carries a rust converter liquid that turns iron oxide
> into iron phosphate which is impervious to oxygen. Just wire brush away
> any dirt and loose scale but don't clean down to bare metal. It goes on
> milky white and dries flat black. It can be painted over. I did my
> whole truck frame with it and it really works. Try it, it comes in pint
> bottles and doesn't cost much.
> 73 Gary N9ZSV gpewitt@execpc.com for the headerless.

This is merely a solution of phosphoric acid. Naval Jelly (tm) is basically the same thing with some carboxymethylcellulose added to thicken it up and allow it to be used on vertical surfaces. You can buy similar products at paint stores too. The phosphoric acid converts rust (red iron oxide) to black iron oxide which seals the surface and prevents further rusting [hopefully!]. You have to thoroughly wash the surface after the application of the acid and let it dry before painting over it.

It only works with iron or steel and should NOT be used on aluminum. Be sure and wear rubber gloves and protective goggles or safety glasses with side shields when working with phosphoric acid.

73, Barry WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: TOM.A.ADAMS@mail.admin.wisc.edu
Subject: Re. Demise of Morse
Message-ID: <F7SM3549.F7SM3601@mail.admin.wisc.edu>

to: boatanchors@theporch.com

All of these stories about taking the FCC license exams...

Back in Chicago, every Friday was ham ticket exam day in the '60s down at the "new" Federal building. The guy stuck with the examination chores was a REAL scare to the teenage applicants, not because of the test, but because he was probably the first openly Gay man most of us had ever seen!

He ran this ancient MacElroy tape reader to give you the code test. I don't know why, but the thing needed compressed air for some reason, and the leaky joints were constantly hissing at you.

The first time I took the General, a kid of about ten was taking the code test ahead of me; the little buggger was taking the EXTRA exam, and was just cruising along at 20 WPM, getting solid copy.

He passed it with flying colors, and they reset the machine to 13 WPM for us lowly General class applicants.

When the test run began, I couldn't copy 13 WPM to save my life. I blew it.

I didn't feel too bad tho. My buddy Ralph was taking the test that day too, and this Friday he became a Legend in his Own Time; he set the Chicago FCC office record for number of code test failures by screwing it up for the 13th month in succession (he FINALLY passed the code on the 14th try, but blew the written. He eventually got everything together, passing the General on try #18).

I've gotta admit tho that the 10 year old kinda P.O.ed me a bit. He'd been carrying a brown paper bag, and when they called on him for the sending test he finally opened it. "What, he's gonna have lunch NOW?" I thought.

Instead of producing a hero sandwich from his sack he pulled out a Hallic-rafters T0 Keyer, a Vibroplex lever, and an extension cord!

After the kid found an outlet, he fired up and let fly with a string of VVVs that sounded like an Uzi in full auto! He gave Ralph and me a smug, arrogant look as the examiner said "Hey, I only need 20 words per minute! Crank it down some!".

The real FUN exam came years later tho. I was living in a little town north of Green Bay, and had been studying for months on my job (night watchman/security guard) for the 1st Class Radiotelephone. After getting off from work I had to drive to the quarterly exam point in Milwaukee.

I was exhausted when I hit the door; it had been more than 26 hours since I'd last slept.

I got thru the 2nd class exam elements OK, strictly on force of will. When I hit the 1st class elements, it all went bad.

I remember hitting a question concerning the phasing and current distribution in a directional AM broadcast antenna. I closed my eyes for a moment to concentrate. The backs of my eyelids became a stage, whereupon a ballet was being performed. Much to my amazement, a company of towers and RF ammeters, all wearing tutus, was dancing "Swan Lake".

The examiner woke me up about 15 minutes later, asking if I was finished. I was, but NOT with the exam.

In any event, I blew the 1st class element... by ONE question!

The law said you had to wait one month before retaking a blown element, but

I found out that the Saint Paul office had a quarterly exam in two weeks, up in Marquette, Michigan, about 120 miles and one time zone away from home.

I got a waiver from the Chicago office (who'd run the Milwaukee exam), and scheduled with Saint Paul. To make the trip worth it, I also applied for the 2nd class Radiotelegraph, to replace my expired ticket.

They set me up for the 1st Phone, but told me the 2nd Telegraph was out of the question.

I called Saint Paul, and got a song and dance about "the examiner has to fly in, and he can't carry a code oscillator". I offered to bring an oscillator, but they said no. Suddenly, the light bulb went on, and I understood the problem. I asked a question.

"Does the examiner know how to copy code?"

LONG silence on the phone.

"Uh, yeah, he does" came the reply. "He'll be giving ham tests the same day as your commercial exam".

"Can he copy full punctuation, at 20 words per minute?" I asked.

Another pause. Even longer than the first one.

"Bring your code oscillator. We'll fix you up" came the reply.

Off at 0400 on the appointed day, for an exam at 0700 at the Marquette Holiday Inn.

I was surprised to find a FEMALE examiner after all the telephone references to "him" in relation to the examiner.

In the Holiday Inn conference room sat a half dozen or so commercial applicants, and a thundering herd of hams.

I zapped the 1st Radiotelephone written in nothing flat. While I scribbled it, I sat copying the General class ham test, and was slightly amused as the multiple choice code test exam papers were handed out.

The tape recorder was set up for the 2nd Radiotelegraph. I started copying, and out of the corner of my eye I noticed the hams poking each other and pointing at me in amazement, whispering to each other "He's WRITING IT DOWN! What the hell kinda test is he TAKING???".

They were even MORE amazed when they heard there was a sending test; the FCC had dropped it as a ham requirement by this time.

After all these years it was now MY moment.

I picked up a brown paper bag I'd been carrying, and from it I produced a WB4VVF "Accukeyer" I'd built, and plugged a Lionel J-36 into the monitor oscillator jack. "No guys" I thought, "It AIN'T my lunch in that bag"!

I guess the examiner wondered why I was grinning so hard when she said "slip your weight down some; I only need twenty words per minute".

Ah... The thrill of victory, and the agony of defeat...

73's,

Tom, K9TA

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: "Kenan, Larry" <llk@sandshark.sandiegoca.ATTGIS.COM>
Subject: RE: Re. Re. BA's in QST
Message-ID: <301966ED@sharkgate.sandiegoca.attgis.com>

>From: TOM.A.ADAMS
> However, I most certainly WAS surprised when the ARRL insisted that such
>operations had NO PLACE on the ham bands; in fact NOTHING of a political
nat-
>ure was welcome there. So sayeth Oz the Great and Mighty up on Mount
>Newington.

I thought that the Feds and the International Agreements that regulate the
Amateur Radio service were what specify no "politics, business or music".
Not true?

Larry Kenan - K06SM

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>
Subject: RE: Re. Re. BA's in QST
Message-ID: <9507282120.aa11095@jackatak.theporch.com>

> >From: TOM.A.ADAMS
> > However, I most certainly WAS surprised when the ARRL insisted that such
> >operations had NO PLACE on the ham bands; in fact NOTHING of a political
> nature was welcome there. So sayeth Oz the Great and Mighty up on

> >Mount Newington.

> I thought that the Feds and the International Agreements that regulate the
> Amateur Radio service were what specify no "politics, business or music".

> Not true?

No. Not true. Each Administrator of frequencies for each government makes their own basic regulations. That many governments themselves run telephone and other services that Amateur Radio would compete with if business and entertainment were allowed, the prohibition is fairly universal...

It also explains why in several countries it is permissible to use music for tuning an amateur radio station... *as long as you use the same song all day*!!! That cuts the entertainment down to ZERO, real fast! ;^)

The politics position is a function more of the heat that such discussions generate (which is why we have certain off-limits subjects here on the list -- and this post is rapidly approaching the drop-zone ;^) and the troubles that an Eastern European could have found him/herself in in those days if politics came up... it used to not be considered polite to discuss politics and religion in public... LONG before the *InterNet, eh? ;^)

BACK TO FIREBOTTLES! ;^)

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

firebotl@jackatak.theporch.com ---- listown@jackatak.theporch.com

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995

From: jproc@worldlinx.com

Subject: RE: Re[2]: QST Aug '95: Bring 'Em Back Alive!; QRP freqs

Message-ID: <Chameleon.4.01.2.950729001410.jproc@jproc>

Dan,

>What is the name of the Canadian amateur magazine? Don't tell me it's "The
>Canadian Amateur Magazine"!?

Yes it is indeed! Allow me to give you some background. At one time, there was only the ARRL and QST (and God himself). I'm not sure of the year, but eventually a Canadian division of the ARRL started to form and they called themselves the Canadian Radio Relay League (CRRL). This group eventually

divorced themselves from the American body and decided to fly solo. Simultaneously, during the mid 1960's, another national amateur radio organization started to form in Canada. It adopted the name of the Canadian Amateur Radio Federation (CARF). Each of the groups had their own charter and newsletter and by the early 1990's, had grown to approximately 8000 members collectively. Neither group was big enough to adequately represent the needs of the amateur radio community to the federal governing body which today is known as Industry Canada.

Eventually, it became apparent that having one unified body representing the interests of the Canadian amateur community would be better than having two halves. After a great deal of negotiation, and about two years ago, both national organizations agreed to merge into one and we now have Radio Amateurs of Canada (RAC). Sadly, out of the 42,000 amateurs in Canada only 8000 or so belong to the national body which was formed to represent their interests. Due to issues with mailing permits and rates, the RAC executive decided to retain The Canadian Amateur magazine (TCA) format and retire the CRRL magazine. That's the state of our organization today.

>And why don't we hear about it down here, much
>less see it on the shelves when there are lots of British ones to be found?

Probably because nobody will get rich selling it. There is the 'David and Goliath' syndrome between Canada and the US, economically speaking. All things American, spill over to this country mainly due to the sheer economic size of the US economy. It doesn't work the same way in reverse except for maybe Canadian Club whisky, and 5% beer.

TCA is exclusively devoted in reporting Canadian amateur radio activities. Maybe, one day, our quality publication will achieve the same level of recognition in the US market place as the major American amateur periodicals do. If any one wants subscription information for TCA, send me E-mail directly. Cost is \$Cdn 36/yr.

>Just from your posts, I infer that your manuscripts are worth publishing.

In fact, the article that was turned down by QST last year is sitting right here in the BA archives. I'm not sure under which of the generic Haida titles our list owner filed it under, but the actual title is called 'HMCS Haida and Her Vintage Radios'. It was published in the Aug 1994 edition of the Old Timers Bulletin of the AWA.

Hope that this small insight has been useful.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com

Radio Restoration Volunteer
HMCS Haida Toronto, Ontario

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: Robert2039@aol.com
Subject: Rtty gear changes?
Message-ID: <950729054922_43337922@aol.com>

In a message dated 95-07-27 12:11:08 EDT, you write:

>m
>Return-Path: <Robert2039@aol.com>
>Message-Id: <950727120941_42009004@aol.com>
>To: ac082@freenet.carleton.ca
>Cc: boatanchors@theporch.com
>Subject: Re: RTTY model 15's
>
>In a message dated 95-07-27 02:53:10 EDT, you write:
>
>>
>>I never saw a 15 with a gear shift. There were gears available to
>>change speed to 66, 75, or 100wpm. These came in sets of two and
>>required changing a metal gear on the motor and a fibre gear on the main
>>shaft. The model 28's were available with a three speed gearshift.
>>
>>At 100wpm the poor 15 was literally vibrating itself to destruction and
>>didn't hold up. I found that when Canadian Press upgraded their radio
>>wire (known as Broadcast News) to 66wpm, the poor techs were hard
>>pressed with 15 repairs.
>
>Hmmm... Maybe I should find a model 28 with that gearshift to play with.
>Where would I find one? Computers are fine for copying off SW but this RTTY
>machine is a real BLAST!! I can see why hams were really into them.

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: jproc@worldlinx.com
Subject: Tube Deal of My Lifetime
Message-ID: <Chameleon.4.01.2.950728201734.jproc@>

Dear BA's,

In April of this year I bought a bag of tubes at a flea market. I just got around to inspecting the contents. There are a combination of 50 single and double ended metal octal tubes. The best part is that I paid \$3.00 for the whole bag. Yes, translates to 6 cents a piece when a tube usually sells for \$2. Don't know what I'm going to do with this many, but I had to make sure they came to a safe, new home.

The best part was the fact that the tubes made by Rogers Canada had the date codes stamped on them. They ranged from 1951 to 1954. I wonder why all tube manufacturers didn't stamp date codes on tubes. For that matter, I wonder why all glass envelope tubes didn't have the type number stamped on the base with indelible ink instead of the glass envelope where it was prone to fade and disappear. Any theories?

Regards,

Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida Toronto, Ontario

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: bill@texan.frco.com (William Hawkins)
Subject: Re: Tube Deal of My Lifetime
Message-ID: <9507290409.AA01633@texan.frco.com>

What is a double ended octal tube? One with a grid cap?

Putting the tube number on the glass was not smart, unless it was etched. Maybe it was some sort of planned obsolescence thing. You dare not get so much as a damp rag (one that was wet yesterday) near the marking, or it will disappear. How many of you have cleaned up dirty old sets, and wiped out all of the tube identification? Done it the second time?

Bill Hawkins bill@bvc.frco.com

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: jproc@worldlinx.com
Subject: Tube Info
Message-ID: <Chameleon.4.01.2.950728204914.jproc@>

Dear BA's,

Does anyone have a listing for peanut tube types DE66 and DF66? I need to know the filament voltage and the typical or maximum plate voltage.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida Toronto, Ontario

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: David Barts <davidb@scn.org>
Subject: Re: Ultimate tube tester
Message-ID: <Pine.SUN.3.91.950728165947.27669C-100000@scn>

On -1 xxx -1 jmartin@hrlban1.aircrew.asu.edu wrote:

> Ref:
> >>What we need is a Pentium based tube tester...it would show
> >>characteristic curves as well as gm, leakage, etc.

Absolutely not. When I need to test a 12SQ7, I need to test a 12SQ7, not a 11.9934587 SQ 6.9963458.

David W. Barts (davidb@scn.org)
REAL radios glow in the dark.

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Vanishing Tube Numbers, was Tube Deal of My Lifetime
Message-ID: <Pine.3.89.9507290039.A29625-0100000@indy1>

Hi!

I thought this had come up on the list in past months; guess not.

On Fri, 28 Jul 1995 jproc@worldlinx.com wrote:
> I wonder why all glass envelope tubes didn't have the type number stamped
> on the base with indelible ink instead of the glass envelope where it was

> prone to fade and disappear. Any theories?

Yes, and it's not a theory! At one time, tube numbers were quite permanent, either marked on the base or lightly etched in the glass; some glass-envelope transmitting tubes (the big 'uns) are still done that way. (As are the external-anode ceramic ones, for which a standard maintenance procedure is to put them in the sink and wash the entire tube with dish soap--and here I thought I was dodging all the Homely Arts with a Career In Broadcasting! <grin>)

But there was a problem with receiving tubes: some scam artists would buy dud, discards and other used tubes, wash 'em up, and resell them as new! Sure profit for the con-artist, a real pain for the purchaser, and a huge annoyance to the real tube manufacturers. Using "disappearing ink" took care of the problem at the time, and left *us* with a problem today.

I generally mark the type number on tube bases with white ink; it's a little more lasting. It will fade over time and can flake off if handled too much, but it beats having to guess!

73,
--Bobbi

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: tech@cs.athabascau.ca (Richard Loken)
Subject: re: Wanted: DX60 information
Message-ID: <m0sbx16-0018KLC@aupair.cs.athabascau.ca>

Your return address is too wierd for smail today.

The officially sanctioned VFO is the HG10 but the VF1 will work with a few tweaks I'm sure. I have a DX60B and an HG10B and there is still some drift so I like to turn it on an hour before I use it to minimize my crossband forays. Last year I worked a guy with an Icom something and I kept having to retune my receiver which of course led to:

"?? this receiver has never drifted before??"
"?? a sand filled Icom shouldn't drift??"

The only explanation of course is that he was using the main tuning to follow the DX60B so I had to tune the receiver when this should have been a one sided problem. Kids!!.

I don't beleive the HG10 drifts anything like a VF1, but I can't hear myself to be sure.

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those
Athabasca University : tuques we wear, our heads
Athabasca, Alberta Canada : are naked!"
** tech@cs.athabascau.ca ** : - Arthur Black

--QAA21508.806966082/wugate.wustl.edu--

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: David Barts <davidb@scn.org>
Subject: Re: Was: RTTY model 15's
Message-ID: <Pine.SUN.3.91.950728165334.27669B-100000@scn>

On -1 xxx -1, Dave Creek wrote:

> [edited]
> Tho 024's and 026's were both Hollerith code. The main difference was the
> printing mechanism and the age.

And Hollerith is a 12, not 6, bit code. Why so many bits? Because a card would be physically weakened if too many holes are punched out in a given column; the extra bits are needed so that only binary numbers without too many 1's in them can be used.

David W. Barts (davidb@scn.org)
REAL radios glow in the dark.

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: HAMRLUND@aol.com
Subject: WTB / Trade: SX-28A manual in excellant condition
Message-ID: <950729010833_43272636@aol.com>

I need the SX-28A manual, too go with an SX-28A I just aquired, with the PM-23.
This thing had just been restored by Antique Radio Restoration & Repair .
But alas, no manual.
Can you help?
I will buy or trade to get this.

Contact:

Robert Fowle
1215 Winifred
Jackson, Mich. 49202-1946

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: Grant Youngman <gyoungma@gtetel.com>
Subject: re: WTB: Astatic JT-30 microphone
Message-ID: <Chameleon.4.01.2.950728181242.gyoungma@gyoungma.gtetel.com>

>Can't find a JT-30 Jim?

>

>All the harp players have them. I even saw one on the Letterman Show a month

>

The essential equivalent of the JT-30 is indeed alive and well and can be purchased quite brand new from most music shops that deal with the "pro". Virtually all the mailorder pro-shops carry them as well. The green bullet will live as long as there are mouth organ players out there

: -)

Grant/NQ5T

gyoungma@gtetel.com

From boatanchors@theporch.com Sat Jul 29 04:41:00 1995
From: "Greg Parsons A.K.A. Rat" <gparsons@lunatix.lex.ky.us>
Subject: Re: WTB: Astatic JT-30 microphone
Message-ID: <9507281908.aa15984@lunatix.lunatix.lex.ky.us>

Richard Loken

>

> Can't find a JT-30 Jim?

>

> All the harp players have them. I even saw one on the Letterman Show a month
> or so ago. Musicians of such a bent will pay \$40.00 and much more for them.

>

> I have a JT-30 with a stand for my DX100, I view it with more respect than I
> used to.

>

> Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those
> Athabasca University : tuques we wear, our heads
> Athabasca, Alberta Canada : are naked!"
> ** tech@cs.athabascau.ca ** : - Arthur Black

What? The JT-30 is more than a pretty face? Thats what I have on my DX-100

also!

73,
Greg
KE4000

--

On a clear night when the wind is from the west, you can smell America
burning brite upon the night.

DoD #0862 Rat NRA Life Member Home Brewer from Hell(tm)

From boatanchors@theporch.com Sat Jul 29 18:10:00 1995
From: bgraham@tecnet1.jcte.jcs.mil
Subject: [FWD] QTH a call for info
Message-ID: <199507291131.GAA14661@uro.theporch.com>

well... this way maybe.

Bill

>Forward message follows.

>To: bgraham

>From: Mailer-Daemon@ncrsun1.ncr.usace.army.mil

>Posted: Fri, 28 Jul 95 06:59:23 CDT

>Cc:

>Subject: Returned mail: Service unavailable

>From Mailer-Daemon@ncrsun1.ncr.usace.army.mil Fri Jul 28 07:57:23 1995

>Return-Path: <Mailer-Daemon@ncrsun1.ncr.usace.army.mil>

>Received: from ncrsun1.ncr.usace.army.mil by tecnet1.jcte.jcs.mil (5.0/SMI-SVR4)

> id AA02244; Fri, 28 Jul 1995 07:57:23 -0400

>Received: by ncrsun1.ncr.usace.army.mil (4.1/SMI-4.1)

> id AB00216; Fri, 28 Jul 95 06:59:23 CDT

>Date: Fri, 28 Jul 95 06:59:23 CDT

>From: Mailer-Daemon@ncrsun1.ncr.usace.army.mil (Mail Delivery Subsystem)

>Subject: Returned mail: Service unavailable

>Message-Id: <9507281159.AB00216@ncrsun1.ncr.usace.army.mil>

>To: <bgraham@tecnet1.jcte.jcs.mil>

>content-length: 750

>

> ----- Transcript of session follows -----

>mail: /var/spool/mail/anderson: cannot append

>mail: cannot open dead.letter

>554 <anderson@ncrsun1.ncr.usace.army.mil>... Service unavailable

>

> ----- Unsent message follows -----

>Return-Path: <bgraham@tecnet1.jcte.jcs.mil>

>Received: from tecnet1.jcte.jcs.mil by ncrsun1.ncr.usace.army.mil (4.1/SMI-4.1)

> id AA00208; Fri, 28 Jul 95 06:59:23 CDT

>Message-Id: <9507281159.AA00208@ncrsun1.ncr.usace.army.mil>

>Date: Fri, 28 Jul 95 11:37:09 GMT

>From: bgraham@tecnet1.jcte.jcs.mil
>To: anderson@ncrsun1.ncr.usace.army.mil
>Posted: Jul 28 11:35 1995 ZULU
>Cc:
>Subject: QTH
>Content-Length: 0
>
>Here is my info:
>
>Bill Graham
>N5LMX/DA1WG
>bgraham@tecnet1.jcte.jcs.mil
>Gaubeuttelbrunn, Germany (near Wurzburg)
>
>73
>
>Bill
>